MAGTF C2 Overview

for MCHS WG

June 2006

C2I Division
CDD, MCCDC

Agenda

- Background
- MAGTF C2 Strategy
- MAGTF C2 Notional OV-1
- MAGTF C2 Elements
- MAGTF C2 CONOPS
- Transition Strategy
- MAGTF C2 JCIDS Pedigree
- MAGTF C2 Capability Framework
- MAGTF C2 Terms of Reference
- MAGTF C2 JCIDS Documentation Strategy

C4I2 Concept

- A general described the essence of this concept in White Letter 1-91, and charged commanders to:
- "...instill the C4I2 concept into your Marines until it becomes the only way of thinking with regard to the effective integration of all command and control assets to support the commander".

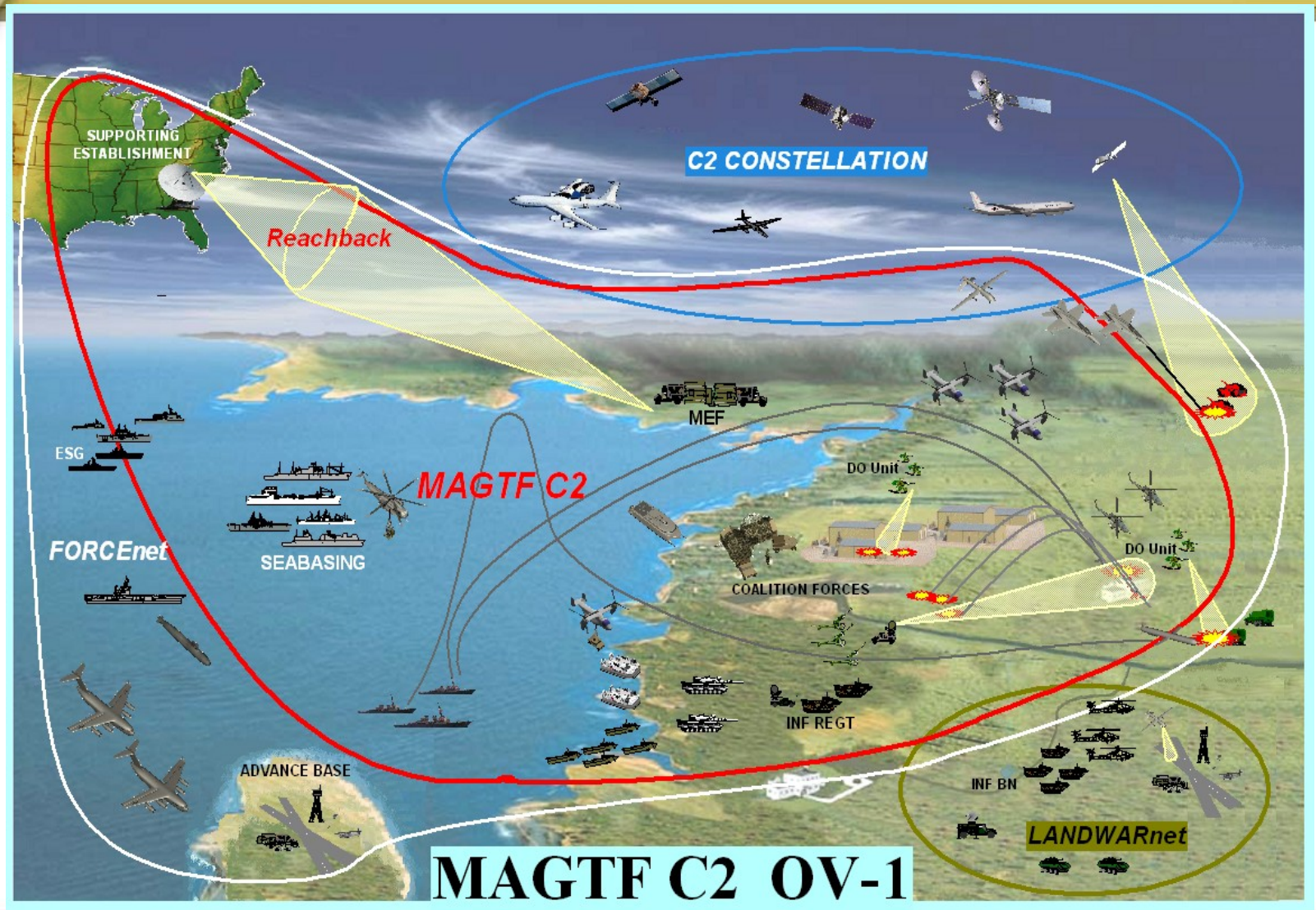
Background

- **MROC Decisions DM39-2004 & DM29-2005**
  - C2 capabilities and related programs must be approached in a "holistic manner."
  - Inter-relationship and inter-dependency of C2 programs must be considered
  - Provide required capabilities to elements of the MAGTF from garrison to tactical environment as seamlessly as possible.

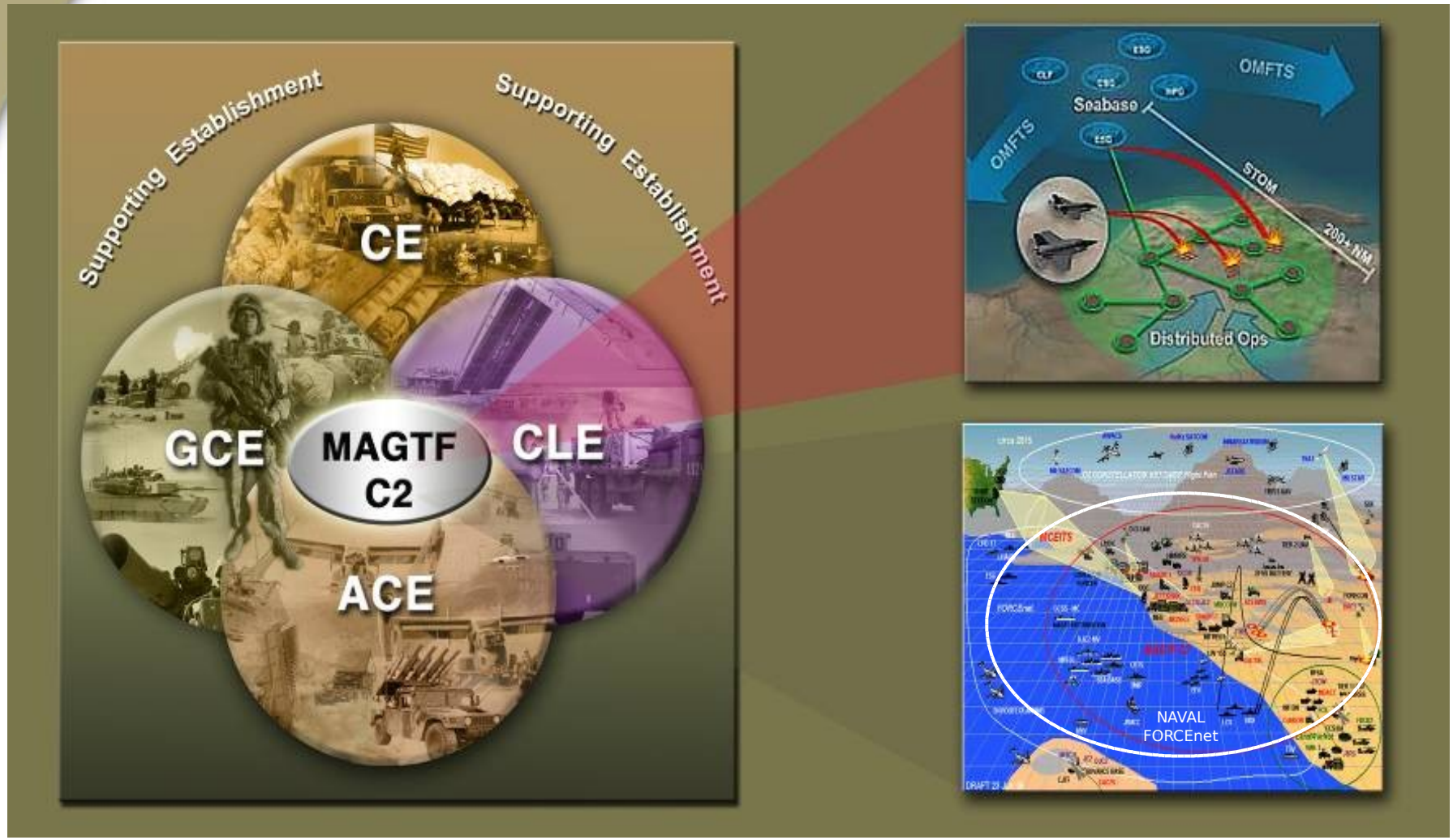
MAGTF C2 Strategy

- ***MAGTF C2 enhances lethality and effectiveness across the range of military operations through better decision making and shared understanding.***
- ***It is an intuitive & holistic environment of people, processes, and technology that enables network-centric operations throughout the enterprise, & empowers the innate initiative of warfighters at all levels in the context of the commander's intent***
  - *A strategy to harmonize all aspects of command and control concepts, requirements, training, and doctrine.*
  - *A process to provide governance over the C2 community to ensure that we meet the objectives of the strategy across the enterprise*
  - *A system that will provide common, modular, and scalable material solutions from the lowest tactical level across the MAGTF at all echelons*

MAGTF C2 Notional Operational View



Marine Air-Ground Task Force Command & Control (MAGTF C2)



MAGTF C2 CONOPS

- **Concepts of operations (CONOPS) …** are focused on capabilities required in the near-term (now to 7 years in the future). CONOPS … allow the joint community to adjust or divest current capabilities by providing the operational context needed to substantiate current programs.
  - CJCSI 3170.01E, Joint Capabilities Integration and Development System, 11 May 2005

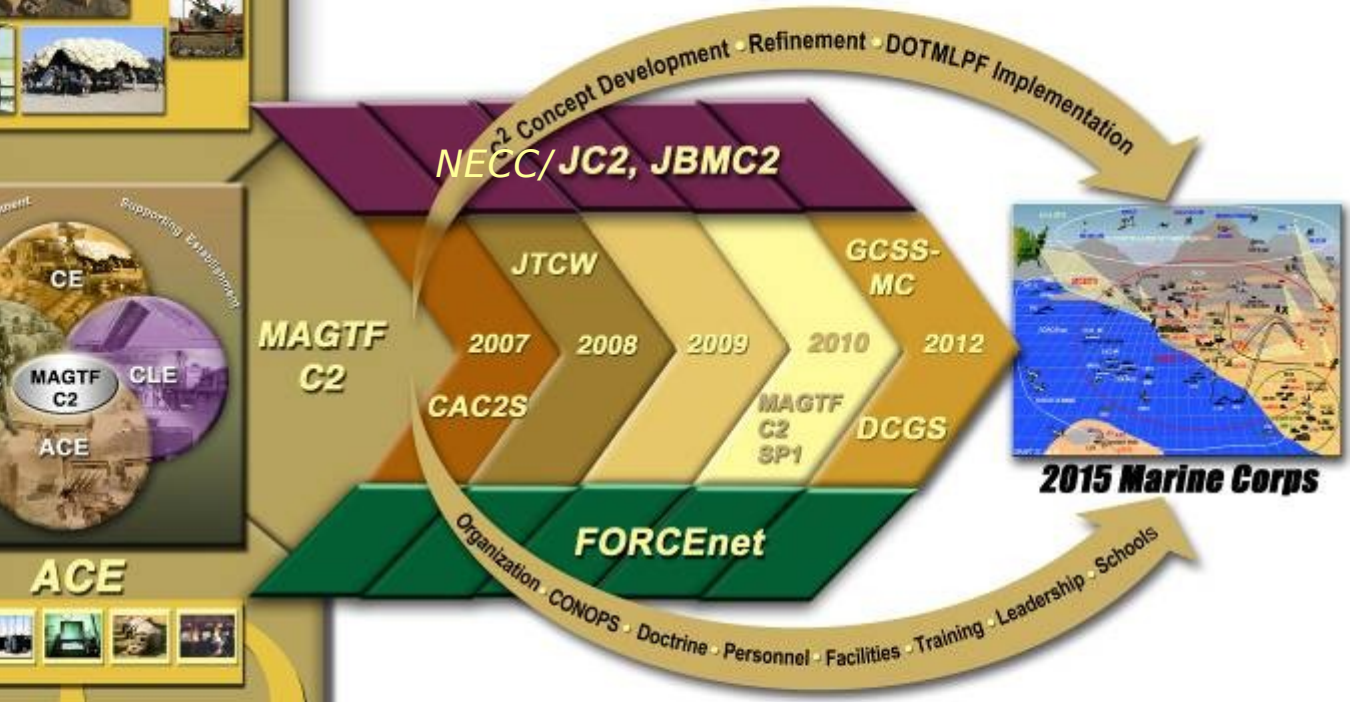
MAGTF C2 Assumptions

- The C2 Portfolio MUST be Holistically resourced.
- **PORs that provide the USMC implementation ISO** MAGTF C2 **or Joint and OSD mandated capabilities must be resourced.**
- New concepts, (DO, EMW) and QDR quadrants require enhanced C2 capabilities.
- Legacy PORs that provide a gap filler solution need to be resourced until transformational capabilities are fielded.
- B/W, Enterprise Services and Networks have been under resourced in the last several POM cycles.
- Cannot assign prioritization of one layer of the capabilities framework over another!

MAGTF C2 Transition Strategy

- Common
- Modular
- Scaleable

CO-EVOLUTION JOINT



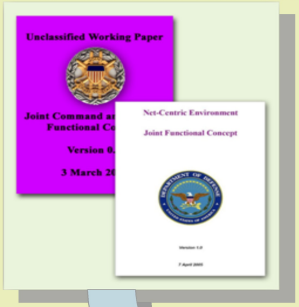
- Concept Development
- Capabilities Based Assessment

CO-EVOLUTION MAGTF / NAVAL

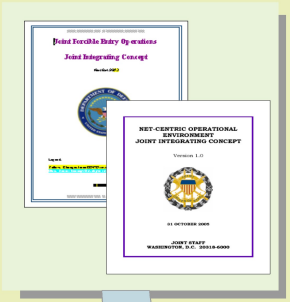
- Spiral Development and Fielding
- DOTMLPF evolution, harmonized with MAGTF and Joint C2 Requirements

MAGTF C2 Strategy is tied to Joint, Naval & Service Concepts

Functional Concepts



Integrating Concepts

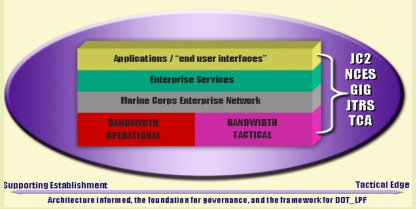


GIG CONOPS

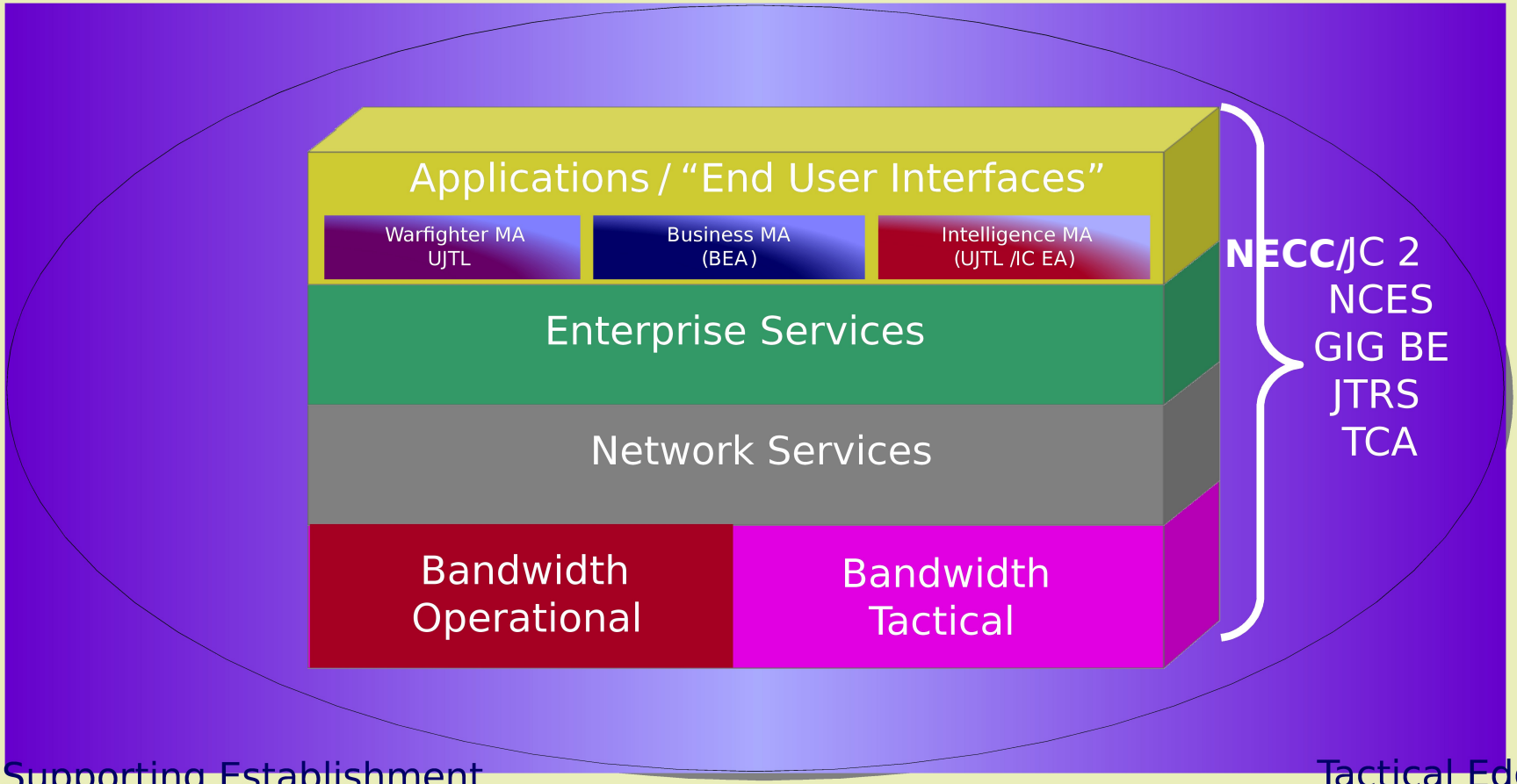
FORCEnet Concept

LandWarNet
C2 Constellation Net

MAGTF C2 Strategy



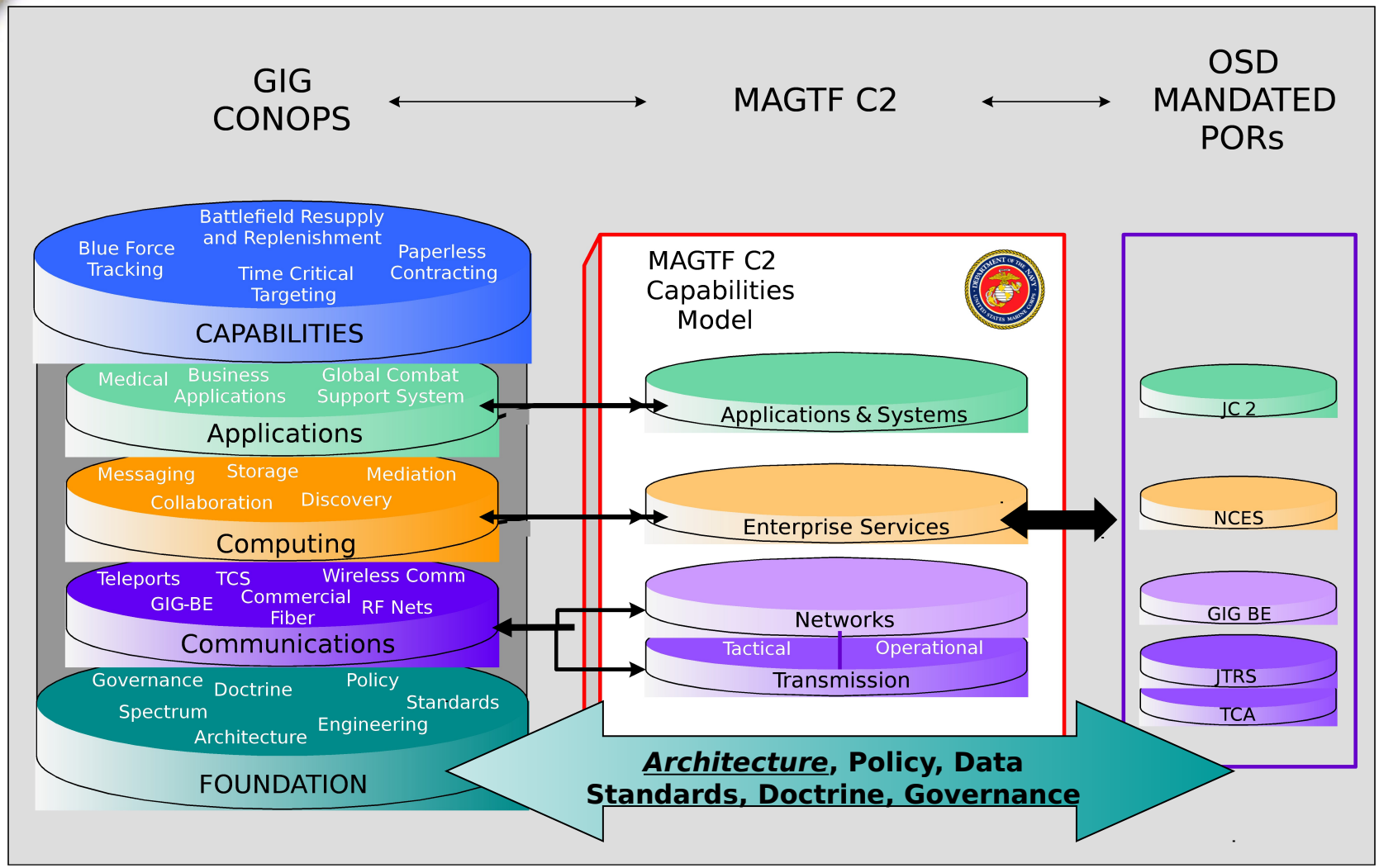
MAGTF C2 Capability Framework



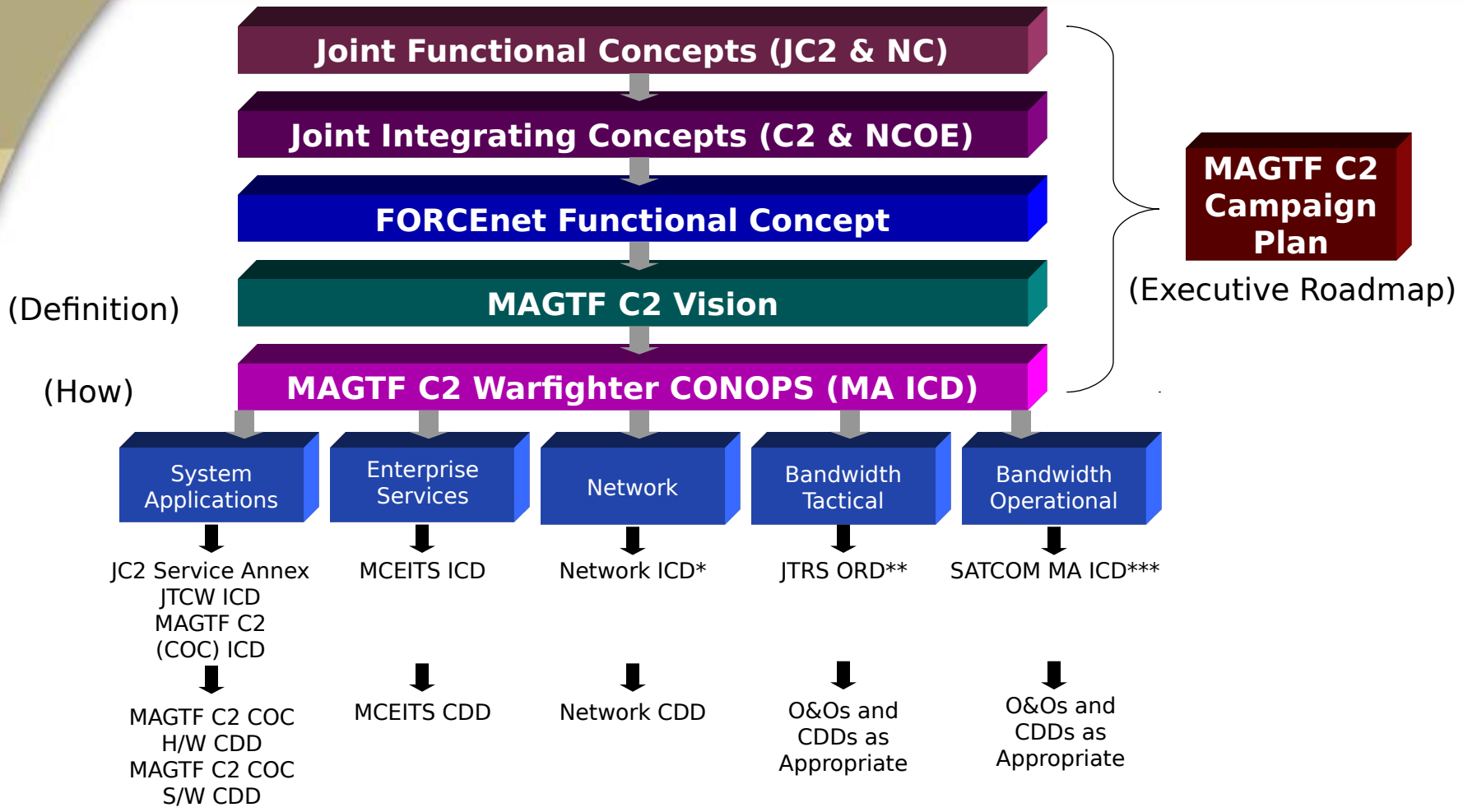
Layer Terms of Reference

- Systems (Applications & End User Equipment): **End User information technology programs (software) and equipment (hardware) that enhance the ability to Command and Control**
- Enterprise Services: **Provides the operating system and other supporting applications, services and interfaces (i.e., SDE, storage, collaboration, messaging, etc.) to users throughout the network**
- Network: **Provides basic DISN services pulled from the GIG; DSN, the IP backbone (NIPRnet and SIPRnet) connectivity to the GIG.**
- Bandwidth Tactical: **"The bandwidth communications essential for the planning, directing, and controlling of fires, movements or maneuver within the operational area to accomplish missions and tasks"**
- Bandwidth Operational: **Provides mobile, robust bandwidth communications essential for the employment of military forces to attain strategic and/or operational objectives through the design, organization, integration and conduct of strategies, campaigns, major operations and battles between specified nodes**

MAGTF C2 Mapping to GIG



MAGTF C2 JCIDS Hierarchy



* Includes potential requirements for DTC and TSM Updates

** Includes potential subordinate requirements for CONDOR, ECCS and JNN

*** Includes potential subordinate requirements for HCLOS, LMST/Phoenix, JNN and SMART-T

Questions?

Backup Slides

Common, Modular, and Scaleable

- **Common: MAGTF command echelons use the same equipment. Unique requirements, such as sensors and intel feeds, enter via standard gateway.**
- **Modular: System is designed to enable component utilization that logically supports a variety of con-figurations for various echelons of C2 across MAGTF.**
- **Scaleable: Software & hardware facilitate Battalion/ Squadron, Regimental/ Group, Division/Wing, & MEF-level command functions for COC by adding or subtracting common and modular components.**